

**Work Order ID 65451**

Monday, January 17, 2011 4:11:02 PM



Page 1

Item ID:	D4055-9	Accept		Setup	Start	
Revision ID:						
Item Name:	Tank Back				Stop	
Start Date:	1/18/2011	Start Qty: 2.00				
Required Date:	2/1/2011	Req'd Qty: 2.00				
Reference:						

Approvals:	Process Plan: <u>MLF</u>	Date: <u>11-01-18</u>	Tooling:		Date:		Run	Start	
	QC:	Date:	SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4055	A								

100		0.00							
	Purchasing								
Purchasing	Memo	0.00							
	Issue P/O: <u>13307</u>								
	Purchase part as per Dwg D4055								
	Possible Supplier: GFI								
	Material release note required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
	Packaging								
Packaging	Memo	0.00							
120	QC6- Inspect dimensions to drawing	0.00							
	QC								
Quality Control	Memo	0.00							

CL 11/01/18 (2)11/2/18 (2)(2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 65451**

Monday, January 17, 2011 4:11:03 PM



Page 2

Item ID: D4055-9

Accept



Setup Start



Revision ID:

Stop



Item Name: Tank Back

Start Date: 1/18/2011 Start Qty: 2.00



Cust Item ID:

Required Date: 2/1/2011 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Chemical Conversion Coat per QSI005 4.1

0.00



HandFinish

Memo

0.00

Hand Finishing

SL 11.03.05

2

140

QC3- Inspect Part Finish

0.00



QC

Memo

0.00

Quality Control

SB 11/03/07

⑦

150

Identify as per dwg & Stock Location: WA

0.00



Packaging

Memo

0.00

Packaging

SL 11.03.07

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 65451**

Monday, January 17, 2011 4:11:03 PM



Page 3

Item ID: D4055-9

Accept



Setup Start



Revision ID:

Stop



Item Name: Tank Back

Start Date: 1/18/2011 Start Qty: 2.00



Cust Item ID:

Required Date: 2/1/2011 Req'd Qty: 2.00



Customer:

Reference:

Approvals:

Process Plan: \_\_\_\_\_

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

160

QC21- Final Inspection - Work Order Release

0.00




QC

Memo

0.00

Quality Control

11/3/7   
MF

11-0307

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Monday, January 17, 2011 4:10:59 PM

Page 1

Work Order ID: 65451



Parent Item: D4055-9



Parent Item Name: Tank Back



Start Date: 1/18/2011

Required Date: 2/1/2011

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP RevA: new issue DD 10.01.08 verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4055-9P  Tank Back		Purchased	No			110	Each	0.0000	1 	2		1/17/11 (2)	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

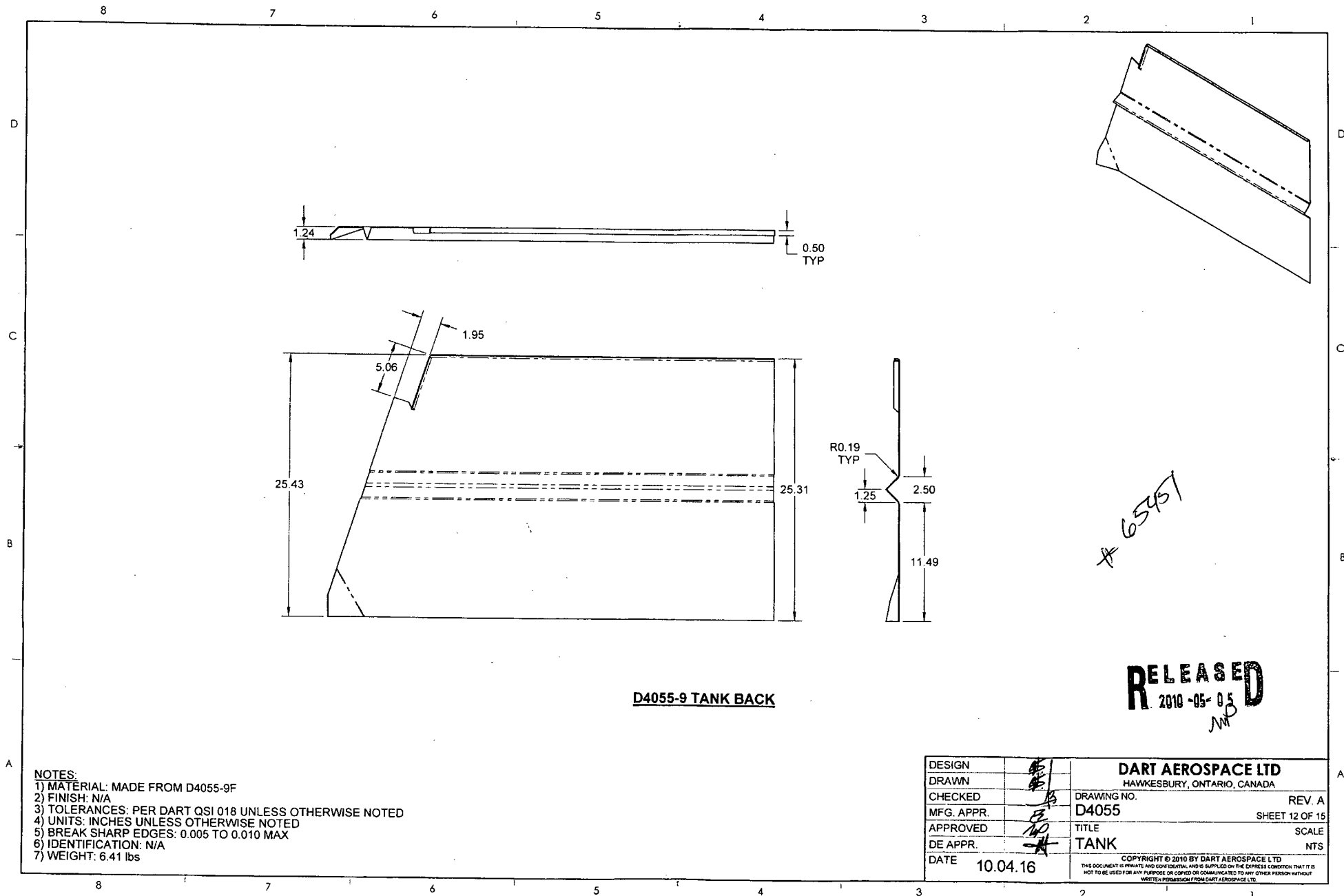
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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**NOTE:** Date & initial all entries





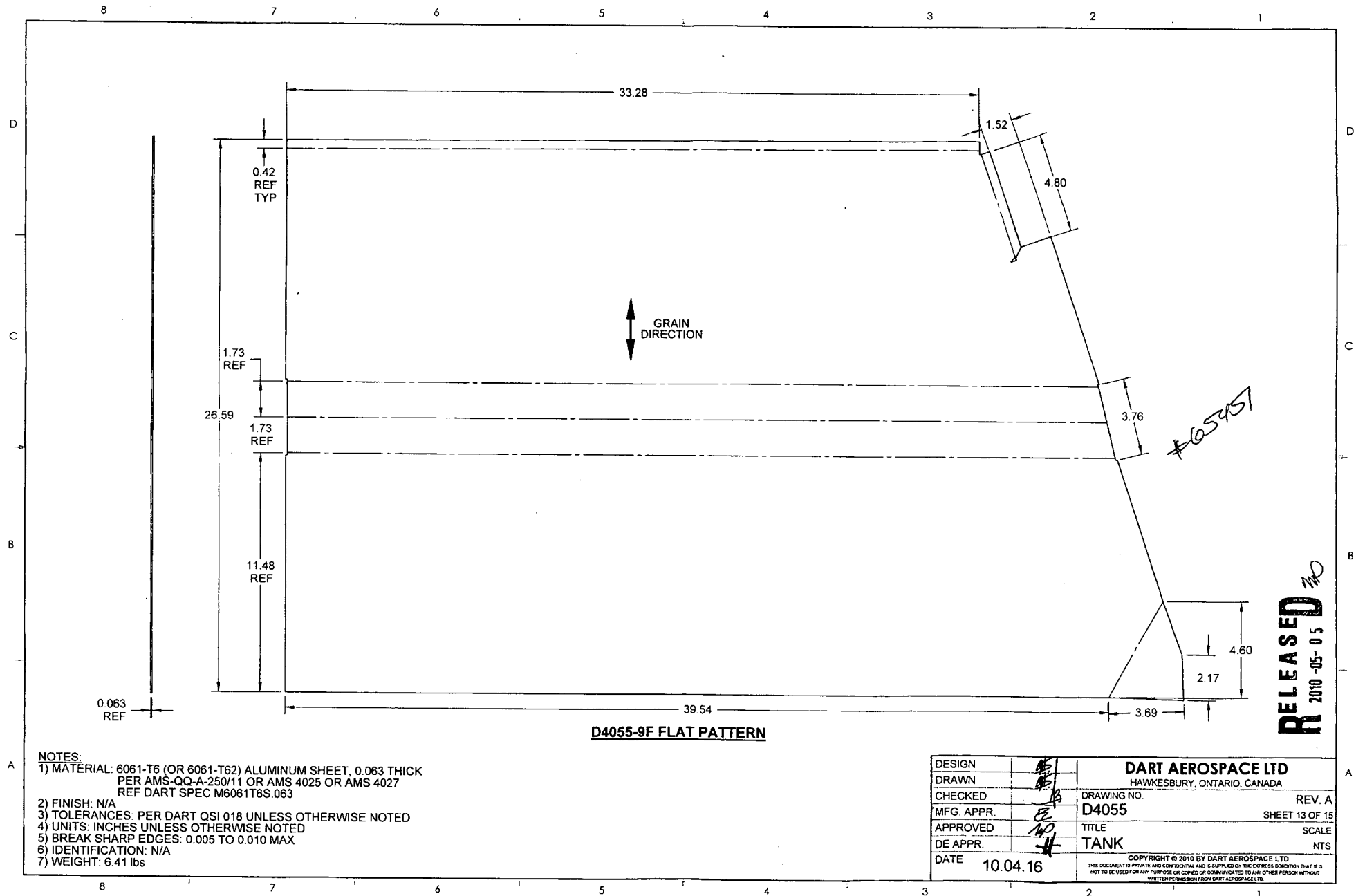
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# CERTIFICATE OF COMPLIANCE CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE  
POINTE CLAIRE, QC  
H9R 1A1

**DART AEROSPACE LTD**  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO.	<u>3</u>	OUR JOB NO	<u>J0226100</u>	SHIPPING MEMO	<u>0455819</u>
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME
--	<u>2 PCS</u>	<u>PO13307</u>	<u>D4055-9P</u>	<u>A</u>	<u>TANK FWD END</u>
MATERIAL		SUPPLIED BY		MAT. REL. NO.	
<u>.063 THK AL 6061-T6</u> <u>(AMS-QQ-A-250/11)</u>		<u>SAMUEL / ALCOA INC</u>		<u>563232</u>	

	PROCESS	PROCESSOR	RELEASE NOTE #
1	<u>FIRST ARTICLE INSPECTION REPORT ON FILE</u>	<u>GFI</u>	<u>N/A</u>
2	<u>REF. GFI MANUFACTURING JOB NUMBER J0226100-001 (2 PCS)</u>		
3			
4			
5			
6			
7			
8			
9			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 15 FEBRUARY 2011

G.F.I. Q.C. REP.

*Antoine Handberg*





180 AVENUE LABROSSE  
POINTE-CLAIRE, QC, CANADA H9R 1A1  
TÉL.:(514) 630-4877 - FAX:(514) 630-4849

GFI est une division de Thomas & Betts Fabrication Inc. / GFI is a division of Thomas & Betts Manufacturing Inc.



# BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON SHIPPING MEMO NO.	PAGE
JR - DY	MO - MO	AN - YR		
14	02	11	0455819	1/1

VENDU À / SOLD TO

EXPÉDIÉ À / SHIP TO



DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON  
K6A 1K7

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON  
K6A 1K7

CODE DE CLIENT CUSTOMER CODE	N° DE CONTRAT JOB NO.	VOTRE N° DE COMMANDE YOUR PURCHASE ORDER NO.	EXPÉDIÉ PAR SHIP VIA
DART	GFI-0299	0226100	PO13307

QUANTITÉ QUANTITY	N° DE PIÈCE PART NO.	DESCRIPTION
2	D4055-9P	TANK BACK  CERTIFICATE OF CONFORMANCE REQ
MFG. JOB# J0226100-001 QTY 2		



EXPÉDITEUR SHIPPER	N° DE BON DE LIVRAISON SHIPPING MEMO NO.
-----------------------	---

REÇU PAR / RECEIVED BY

DATE

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION.  
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.





SAMUEL & FILS & CIE (QUEBEC) LTEE.,  
2225 AVE. FRANCIS HUGHES,  
CHOMEDEY, LAVAL  
QUEBEC, H7S 1N5  
(514) 384-5220 FAX (450) 669-0633

No 001628675



PAGE 1 DE/OF 1

TRANSPORTEUR/CARRIER NAME  
CK - SAMUEL

CAMION/TRUCK  
061

NOM DE LA BRANCHE/SALES BRANCH NAME  
SAMUEL & FILS & CIE (QUEBEC) L

DATE DE EXPIRATION/DATE OF SHIPMENT  
3/30/10

**VENDU À/SOLD TO:**

GFI, DIVISION DE THOMAS & BETTS LTEE  
180 LABROSSE

**EXPÉDIÉ À/SHIP TO: TÀB: PPD**

GFI INC.  
180 LABROSSE

POINTE-CLAIRE

POINTE-CLAIRE

QC

QC

H9R1A1

H9R1A1

CA

(201009-00001)

(514) 630-4877

N° COMMANDE  
N° ITEM  
249194-01

**DESCRIPTION ET POIDS/DESCRIPTION AND WEIGHT**

#Comm du client: 0076647

45 LBS FEUILLES ALUMINIUM 6061 T6  
.0630"x60"x120"

Cert/Test: FAX

45 LVR

QQA 250/11

#Pièce AS06348144QM

Description

Art

Pd ca

Qté

#Étiq

Vendeur Org

#Étiq mln

#À soul

1

50.000

45

Étq princ

#Coul

752763

5061639

ATR

US

Total:

1

50.000

45

D507316 563232

Poids total:

#Total paquets:

1

45 LVR

Commentaires connaissance:

CERTIFICAT DE CONFORMITÉ

LE MATÉRIEL DÉTAILLÉ CI-DESSUS EST CERTIFIÉ

CONFORME AUX EXIGENCES DE VOTRE COMMANDE ET AUX

SPÉCIFICATIONS DES NORMES DU GRADE. SVP VOUS

RÉFÉREZ AUX CERTIFICATS CI-JOINTS. AUTORISÉ PAR:

*Signature*

DATE 3/30/10  
CERTIFICATION *Signature*

NIR: R-539477-1

PRÉP  
CHAR.

PORT PAYÉ/PREPAID

PORT DUCOLLECT

INST VOITURIER/DRIVER INSTRUCTIONS

EXPÉDITEUR/DISPATCHER

VOITURIER/DRIVER

REÇU PAR/RECEIVED BY  
VALER (52.00lb max moins d'avis contraire)  
VALER (52.00lb max 52.00lb unless otherwise stated)  
VALER DECLARÉ DE L'UNITÉ  
DECLARED VALER OF THE UNIT

2. VOITURIER (CE CONNAISSEMENT DOIT ÊTRE SIGNÉ PAR L'EXPÉDITEUR ET LE VOITURIER)

# CERTIFIED INSPECTION REPORT

Alcoa Inc.

PITTSBURGH, PA DAVENPORT WORKS

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet, the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

Malcolm Murphy  
Director of Manufacturing Davenport Works

Kenton P. Young  
Quality Assurance Manager

Ship From: RIVERDALE, IA.

1040215	0			
Ship Date	B.L. No.	Invoice No.	Alcoa No.	Item Page
2009-08-17	4167773	00000	1000127107-1	DCE-27107-1
P.O. No./Govt Contract No.	Customer	Alcoa Item		
C61538 Ln#: 1	SAMUEL SON & CO LT G041110625R01			

Ship To: SAMUEL SON & CO LTD  
2225 FRANCIS HUGHES  
LAVAL H7S 1N5 QC

Item Description  
0.063 IN TK (+.0050 -.0050) X 60.0 IN W (+.125 -.125) X 120.0 IN LN (+.125 -.125) (N) A/T 6061-T6 FLAT SHEET MILL FINISH. AMS4027 REV N  
EXC\_MRK ASTMB209 REV 07 ((MARKED)) KRAFT  
PAPER INTERLEAVED MAX  
GROSS SKID WGT: 5000 LB QUAN TOL +/-30 %  
CQR 0222732 REV 01 CUST REQ 09-08-01 \*\*\* W/E 09-08-22 \*\*\*

Sub 277

Num	Package Ticket	Dot	Weight	Quantity	UOM	Pc Id/Serl	Inspector Clock Numbers
1	752727	563232	4619	105	PC	:	27123 46940
2	752728	563232	4493	102	PC	:	27123 46940
3	752763	563232	3568	81	PC	:	27123 46940
			12680	288			

D 507312  
D 507315  
D 507316

Notes for CQR: 0222732.1  
PRODUCT PRODUCED TO THE REQUIREMENTS OF AMS4027 REV N ALSO MEET THE REQUIREMENTS OF AMS-QQ-A-250\_11 ORIGINAL REVISIO N DATED 1997-08-01.

CQR: 0222732.1 -Specification Limits -----

Tmpr	Dir	UTS	TYS	EL4D
		KSI	KSI	PCT
T6	Long Transv.	Max		
		Min	42.0	35.0 10

Chemical Composition	SI	FE	CU	MN	MG	CR	ZN	TI	Other	Other
	Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05
Alloy 6061	Min	0.40		0.15		0.8	0.04			
Lot: 563232										REMAIN

Tmpr	Dir	No->	UTS	TYS	EL4D
		Test	KSI	KSI	PCT
T6	Long Transv.	2	50.1	44.5	11.5
			50.1	44.5	11.4



# CERTIFIED INSPECTION REPORT

Alcoa Inc.

PITTSBURGH, PA DAVENPORT WORKS

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet, the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

Per:

Malcolm Murphy  
Director of Manufacturing Davenport Works

*Kenton P. Young*  
Kenton P. Young  
Quality Assurance Manager

1040215	0			
<u>Ship Date</u>	<u>B.L. No.</u>	<u>Invoice No.</u>	<u>Alcoa No. Item</u>	<u>Page</u>
2009-08-17	4167773	00000	1000127107-1	DCE-27107-1
<u>P.O. No./Govt Contract No.</u>	<u>Customer</u>	<u>Alcoa Item</u>		
C61538 Ln#: 1	SAMUEL SON & CO LT G041110625R01			

Lot: 563232 - Mechanical, Physical, Metallograpy, Quantometer Results (cont.) -----  
 Cast Number Chemical - OES SI FE CU MN MG CR ZN TI  
 H324506B Actuals 0.63 0.4 0.27 0.05 0.9 0.19 0.03 0.02

This material was melted in the United States or a Qualifying Country [REF DFARS 225.872.1(a)]; it was manufactured in the United States